

**What is claimed is:**

1. A recording and reproducing device having a program list recording part to record program information, comprising:

- (a) a control input means to input a password;
- 5 (b) a password managing part to manage said password; and,
- (c) a program list forming means to read from said program list recording part and to form program list;

wherein said program list recording part includes the first program list recording part of which program information is indicated only by inputting a valid password which matches the password managed in password managing part and the  
10 second program list recording part of which program information is indicated when a user does not input a password or when an inputted password is wrong.

2. The recording and reproducing device of claim 1, wherein two indication  
15 modes are provided in valid password;

- (a) the first indication mode in which program list is read from the first recording part and indicated; and,
- (b) the second indication mode in which program list is read from both first and second recording part and indicated.

20 3. The recording and reproducing device of claim 2, wherein indication mode of program information list is changed by the control input means.

4. The recording and reproducing device of claim 1, wherein the program information is determined whether to be recorded in the first recording part or to be recorded in the second recording part by the control input means.

25 5. A recording and reproducing device having plural program list recording parts to record program information of television broadcasting contents, comprising:

- (a) a password managing part to manage a password;

- (b) a control input means to input said password;
- (c) a recording medium dividing part to divide a recording medium by inputting the number of dividing record area in said control input means; and,

5 (d) a program list forming part to read from said program list recording part correspondent with divided record area and to form program list, wherein program information is read from said program list recording part correspondent with record area, and program list is formed when inputted password by said control input means matches password correspondent with record area managed in said password managing part.

10 6. The recording and reproducing device of claim 5, wherein said divided record area of recording medium comprises two kinds of program list recording parts; one recording part of which program information is indicated only by inputting valid password which matches the password that is correspondent with record area and is managed in said password managing part, and another recording part of which program information is indicated when a user does not input password or when inputted password is wrong.

15 7. The recording and reproducing device of claim 5, wherein said divided record area of recording medium includes password free area that anyone can access to see program list and reproduce desired contents without password.

20 8. The recording and reproducing device of claim 1, claim 3, claim 4, or claim 6, wherein said program list includes reservation list indicating program information setting reservation and recorded program list indicating recorded program information.

25 9. The recording and reproducing device of claim 1, claim 3, claim 4, or claim 6, wherein choosing a program in program list read from program list recording part enables contents of said desired program to be reproduced or deleted

from recording medium.

10. The recording and reproducing device of claim 1 comprises V-chip signal detecting part to detect V-chip signal in television broadcasting, wherein said V-chip signal detected in said V-chip detecting part controls television broadcasting program information to be recorded in the first program list recording part or the second program list recording part.

11. The recording and reproducing device of claim 10, wherein rating level of V-chip system is determined by said control input means.

12. The recording and reproducing device of claim 10 comprises steps of;

- (a) detecting rating level in V-chip signal of AV signal;
- (b) comparing with said predetermined rating level; and,
- (c) recording program information in the first program list recording part when V-chip signal of the desired program is detected to be stricter than said predetermined rating level.

13. The recording and reproducing device of claim 10, wherein television broadcasting program information is recorded in the first program list recording part only when viewing restriction in V-chip signal is detected in said V-chip signal detecting part.

14. A method of forming program list of recording and reproducing device having plural program list recording parts to record program information of television broadcasting contents, and having said program list including reservation list to record reservation program information and recorded list to record recorded program information, comprising the step of:

- (a) inputting a password;
- (b) comparing said inputted password with password managed in password managing part of recording and reproducing device; and,
- (c) forming program list from said plural program list recording part only when said inputted password matches password managed in password

managing part.

15. A method of forming program list of recording and reproducing device having plural program list recording parts to record program information of television broadcasting contents, comprising the step of:

- 5 (a) inputting a password by control input means;
- (b) comparing said inputted password with password managed in password managing part of recording and reproducing device; and,
- 10 (c) choosing recording part by said control input means either the first program list recording part from which is read only when inputted password matches password managed in password managing part or the second program list recording part from which is read when password is not inputted or when inputted password is wrong.